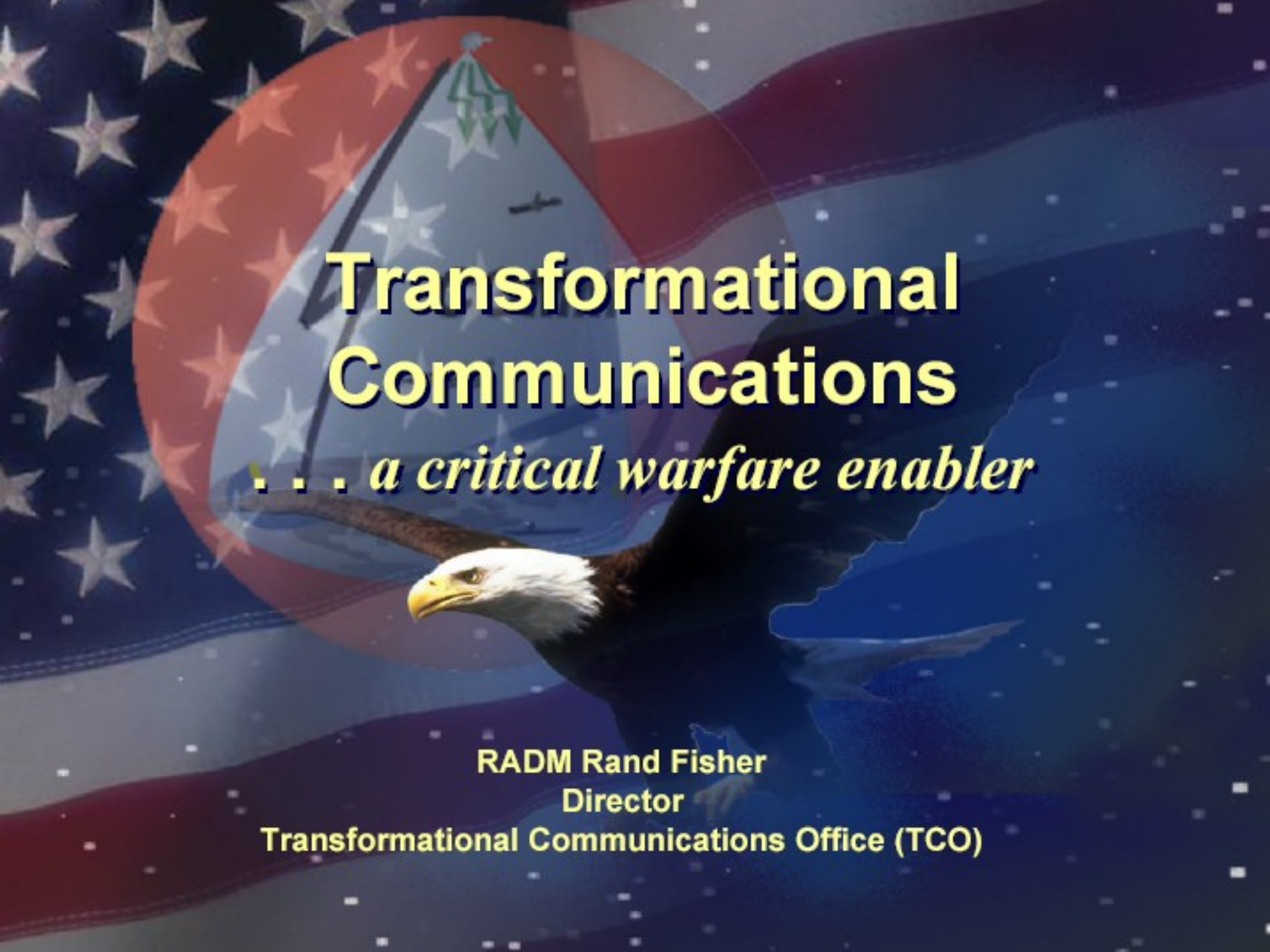
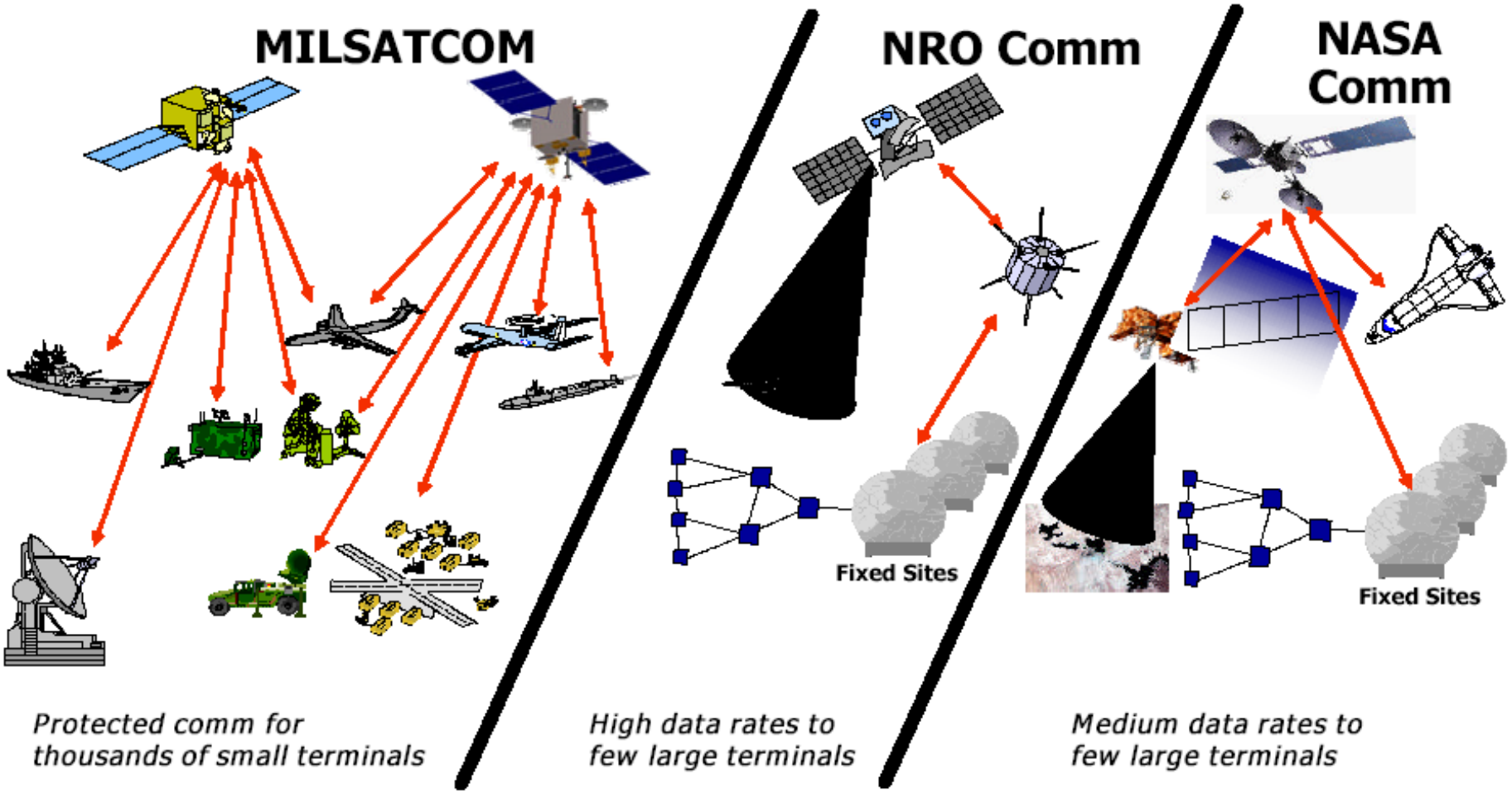

Transformational
Communications
. . . a critical warfare enabler
RADM Rand Fisher
Director
Transformational Communications Office (TCO)

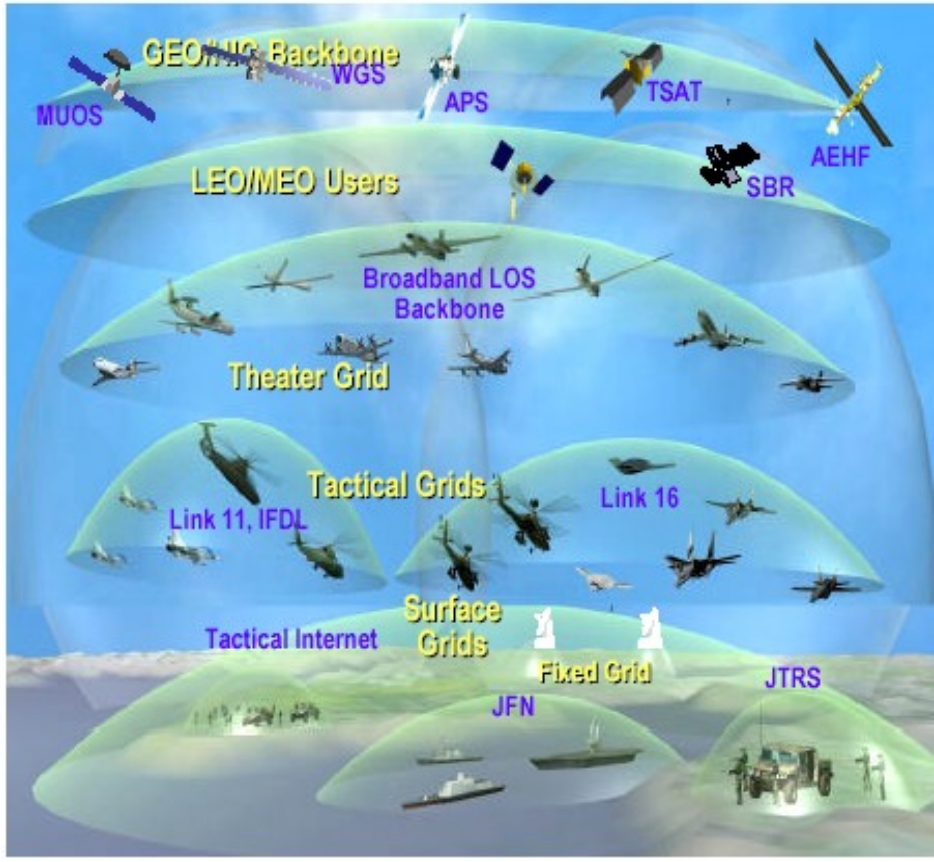
SATCOM Today



Circuit based, complex terminals, bandwidth constrained

Transformational Communications Vision

- An internet-like transport architecture between space, air and ground nodes
  - Integrated Space, Air and Ground Networks
  - Global access to deployed / mobile Users (COTM)
  - Timely delivery of air and space data to Theater and CONUS (AISR, SISR support)
  - Critical Element of the Global Information Grid (GIG): RF and laser communications network



Goal: Remove Communications as a constraint to the user

TC Key Technologies